

10/696,021

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1204bxd

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated  
and searchable  
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in  
CA/Caplus  
NEWS 5 FEB 05 German (DE) application and patent publication number format  
changes  
NEWS 6 MAR 03 MEDLINE and LMEADLINE reloaded  
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 8 MAR 03 FRANCEPAT now available on STN  
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN  
NEWS 10 MAR 29 WPIFV now available on STN  
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA  
NEWS 12 APR 26 PROMT: New display field available  
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field  
available  
NEWS 14 APR 26 LITAlert now available on STN  
NEWS 15 APR 27 NLDB: New search and display fields available  
NEWS 16 May 10 PROUSDDR now available on STN  
NEWS 17 May 10 PROUSDDR: One FREE connect hour, per account, in both May  
and June 2004  
  
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:36:09 ON 12 MAY 2004

=> fil casreact

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CASREACT' ENTERED AT 15:36:32 ON 12 MAY 2004

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

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FILE CONTENT:1840 - 9 May 2004 VOL 140 ISS 19

Some records from 1974 to 1991 are derived from the ZIC/VINITI data file and provided by InfoChem and some records are produced using some INPI data from the period prior to 1986.

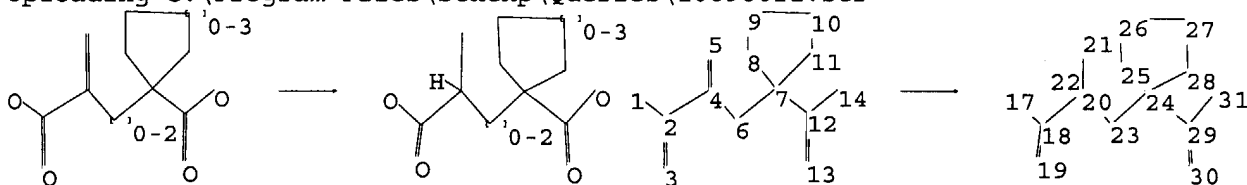
This file contains CAS Registry Numbers for easy and accurate substance identification.

Crossover limits have been increased. See HELP RNCROSSOVER for details.

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=>

Uploading C:\Program Files\Stnexp\Queries\10696021.str



chain nodes :

1 2 3 4 5 6 12 13 14 17 18 19 20 21 22 23 29 30 31

ring nodes :

7 8 9 10 11 24 25 26 27 28

chain bonds :

1-2 2-3 2-4 4-5 4-6 6-7 7-12 12-13 12-14 17-18 18-19 18-20 20-21 20-22  
20-23 23-24 24-29 29-30 29-31

ring bonds :

7-8 7-11 8-9 9-10 10-11 24-25 24-28 25-26 26-27 27-28

exact/norm bonds :

1-2 2-3 7-8 7-11 8-9 9-10 10-11 12-13 12-14 17-18 18-19 24-25 24-28  
25-26 26-27 27-28 29-30 29-31

exact bonds :

2-4 4-5 4-6 6-7 7-12 18-20 20-21 20-22 20-23 23-24 24-29

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:Atom 8:Atom 9:Atom

10:Atom 11:Atom 12:CLASS 13:CLASS 14:CLASS 17:CLASS 18:CLASS 19:CLASS

20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom

29:CLASS 30:CLASS 31:CLASS

fragments assigned product role:

containing 17

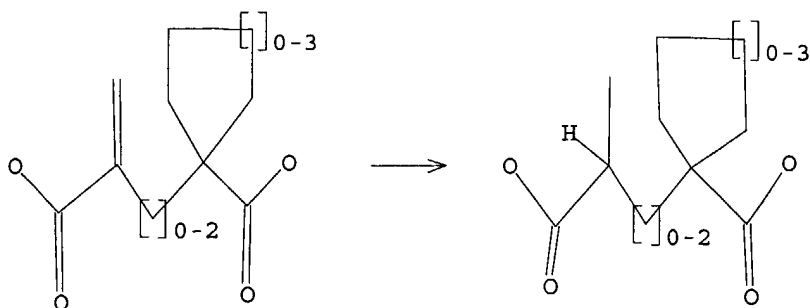
fragments assigned reactant/reagent role:

containing 1

L1 STRUCTURE UPLOADED

=> d query

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:36:56 FILE 'CASREACT'

SCREENING COMPLETE - 2965 REACTIONS TO VERIFY FROM 303 DOCUMENTS

100.0% DONE 2965 VERIFIED 0 HIT RXNS

0 DOCS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED VERIFICATIONS: 56046 TO 62554

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 ( 0 REACTIONS)

=> s l1 full

FULL SEARCH INITIATED 15:37:01 FILE 'CASREACT'

SCREENING COMPLETE - 67432 REACTIONS TO VERIFY FROM 5549 DOCUMENTS

100.0% DONE 67432 VERIFIED 4 HIT RXNS

3 DOCS

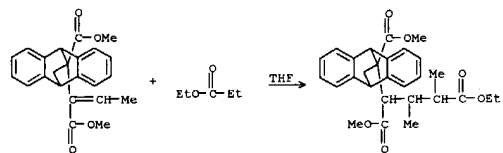
SEARCH TIME: 00.00.07

L3 3 SEA SSS FUL L1 ( 4 REACTIONS)

=> d l3 1-3

L3 ANSWER 1 OF 3 CASREACT COPYRIGHT 2004 ACS on STN

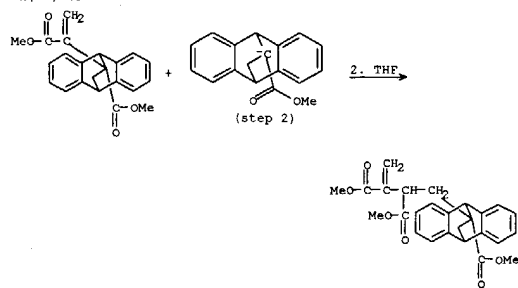
RX(1) OF 67



REF: Tetrahedron Letters, 30(29), 3857-60; 1989

L3 ANSWER 2 OF 3 CASREACT COPYRIGHT 2004 ACS on STN

RX(45) OF 103 - 2 STEPS

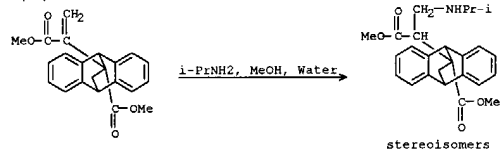


71%

REF: Tetrahedron Letters, 28(52), 6671-4; 1987  
NOTE: 1) thermal

L3 ANSWER 3 OF 3 CASREACT COPYRIGHT 2004 ACS on STN

RX(23) OF 62



REF: Tetrahedron Letters, 28(52), 6675-8; 1987

=> logoff y  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
110.85	111.06

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 15:37:43 ON 12 MAY 2004